

Cooling System And Method For An Imaging System

Abstract

A cooling system for an imaging system includes a mounting plate having a first side and an opposing second side. The mounting plate further defines at least one opening. At least one heat conductor extends through the opening and through at least a portion of a dielectric fluid reservoir defined adjacent the second side of the mounting plate and adapted to enclose an X-Ray source. A heat sink is coupled to the first side of the mounting plate and receives at least a portion of the heat conductor.